## CLAIMS

1       1. A system for assigning object identifiers, comprising:

2           a global positioning system (GPS) receiver for providing location and time

3       information;

4           an identification generator that generates an identifier, wherein the identifier

5       includes the provided location and time information in an encoded format; and

6           a system for assigning the identifier to an object located proximate the GPS

7       receiver.

1       2. The system of claim 1, wherein the location information includes three dimensional

2       information.

1       3. The system of claim 1, wherein the object and assigned identifier are stored in a

2       database with similar objects and their respective assigned identifiers.

1       4. The system of claim 1, wherein the identification generator is located remotely from

2       the GPS receiver.

1       5. The system of claim 1, wherein the identification generator is located locally to the

2       GPS receiver.

1  6. A program product stored on a recordable medium for assigning object identifiers, the

2  program product comprising:

3  means for receiving location and time information from a global positioning

4  system (GPS) receiver;

5  means for generating an identifier, wherein the identifier includes the received

6  location and time information in an encoded format; and

7  means for outputting the identifier in a format suitable for tagging an object

8  located proximate the GPS receiver.

1  7. The program product of claim 6, further comprising means for processing

2  simultaneous events that occur at a common location.

1  8. The program product of claim 6, further comprising database means for storing the

2  identifier.

1    9. A system for processing object identifiers in an e-commerce environment, comprising:

2        a database for holding objects;

3        at least one identification system for providing unique identifiers for objects,

4    wherein the identification system obtains location and time information from a global

5    positioning system (GPS) and encodes the location and time information into each unique

6    identifier; and

7        an application for processing the objects, wherein the application includes a

8    system for processing the unique identifier.


1    10.  The system of claim 9, wherein the application comprises a referencing system that

2    allows objects in the database to be tracked.


1    11.  The system of claim 9, wherein the application comprises a time checking system

2    that extracts time information from the unique identifiers provided to the objects.


1    12.  The system of claim 11, wherein the objects comprise events and the time checking

2    system compares a time difference between events.


1    13.  The system of claim 9, wherein the application comprises a routing system that

2    extracts location information from the unique identifiers provided to the objects.

1    14. The system of claim 13, wherein the objects comprise routers in a network, and the

2    applications routes data by examining the location information associated with each

3    router.


1    15. The system of claim 9, wherein the application comprises a security system.


1    16. The system of claim 15, wherein objects comprise login events to a computer system,

2    and the security system ensures that each unique identifier is not afforded multiple login

3    events.


1    17. The system of claim 9, wherein the application comprises a data translation system

2    that extracts information from the unique identifier and translates it into a different

3    format.


1    18. The system of claim 9, wherein the objects comprise limited use transactions, and the

2    application validates each transaction.

1      19. A method of generating object identifiers, comprising the steps of:

2           obtaining time and location information from a global positioning system (GPS);

3           generating a unique identifier from the time and location information, wherein the

4      time and location information is encoded into the unique identifier; and

5           associating the unique identifier with an object.

1      20. The method of claim 19, wherein the object exists at a time and location where the

2      time and location information is received.

1      21. The method of claim 19, comprising the further step of extracting the time

2      information from the unique identifier in order to process the object.

1      22. The method of claim 21, comprising the further step of comparing the time

2      information extracted from a first and second object.

1      23. The method of claim 19, comprising the further step of extracting the location

2      information from the unique identifier in order to process the object.

1      24. The method of claim 19, comprising the further step of tracking the object using the

2      unique identifier.